## INTERNATIONAL SEARCH REPORT

International Application No CT/EP2004/001834

CLASSIFICATION OF SUBJECT MATTER PC 7 G05B19/406 H02F H02P5/52 B65B19/28 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) HO2P GO5B B65B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, INSPEC, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 4 554 774 A (MIYASHITA YOSHIKAZU ET χ 1-10, 13-22 AL) 26 November 1985 (1985-11-26) column 4, line 48 - column 6, line 11; figure 3 χ EP 0 385 459 A (TOYODA MACHINE WORKS LTD) 1-10.5 September 1990 (1990-09-05) 13 - 22column 2, line 34 - column 3, line 33; figure 3 -/--Χ Further documents are listed in the continuation of box C. Patent family members are listed in annex. ° Special categories of cited documents: \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document referring to an oral disclosure, use, exhibition or document is combined with one or more other such docu ments, such combination being obvious to a person skilled in the art. other means document published prior to the international filing date but later than the priority date claimed \*&\* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 20 July 2004 28/07/2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Gerdes, R

## INTERNATIONAL SEARCH REPORT

enternational Application No

		PCT/EP2004/001834		
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Retevant to claim No.		
X	LORENZ R D ET AL: "Synchronized motion control for process automation" CONFERENCE RECORD OF THE INDUSTRY APPLICATIONS SOCIETY ANNUAL MEETING, 1 October 1989 (1989-10-01), pages 1693-1698, XP010091171 NEW YORK, US abstract page 1695, left-hand column, lines 1-6	1-4, 13-16		
A	US 4 000 449 A (GRIPP LEONARD P) 28 December 1976 (1976-12-28) abstract; figure 5	1-23		

## INTERNATIONAL SEARCH REPORT

Information on patent family members

eternational Application No PCT/EP2004/001834

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US <sup>-</sup> 4554774	À	26-11-1985	JP JP JP JP DE GB	1552906 C 59209595 A 63006411 B 59209596 A 3416070 A1 2140175 A ,B	04-04-1990 28-11-1984 09-02-1988 28-11-1984 31-10-1984 21-11-1984
EP 0385459	A	05-09-1990	JP JP JP JP JP EP US	2056915 C 2231979 A 7097916 B 2036013 C 2241392 A 7063226 B 0385459 A2 5175680 A	23-05-1996 13-09-1990 18-10-1995 28-03-1996 26-09-1990 05-07-1995 05-09-1990 29-12-1992
US 4000449	Α	28-12-1976	BR FR GB JP JP JP	7506473 A 2290083 A1 1509427 A 1033991 C 51065065 A 55025926 B	17-08-1976 28-05-1976 04-05-1978 20-02-1981 05-06-1976 09-07-1980